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FRIDMAN, B.E., referent, kand.tekhn.nauk; SHUBOV, L.Ya., inzh.

Suction dredger mining of titanium placer deposits and  
preparation of the mined product (from "Rock Products" no.7,  
1956, "Mining World" no.11, 1955). Gor.zhur. no.3:39-40 Mr '58.  
(MIRA 11:3)

(United States--Hydraulic mining)  
(Titanium ores)

SHUBOV, L.Ya., inzh.

Use of a counterflow classifier in dressing with spiral separators.  
Gor. zhur. no.12:52 D '61. (MIRA 15:2)

1. Gosudarstvennyy institut po tsvetnym metallam, Moskva.  
(United States--Separators(Machines)--Attachments)

SHUBOV, L.Ya.

Storage of tailings of ore dressing plants. TSvet, met. 34 no.2:  
89-93 F '61. (MIRA 14:6)

(Tailings (Metallurgy))

SHUBOV, L.Ya., referent

Germanium recovery from ores of the Kipushi deposit in Katanga  
(Congo) [from "Mining World," no. 1, 1960; "The Mining Magazine,"  
no. 6, 1960; "Mines et Metallurgie," no. 344, 1960]. TSvet. met.  
34 no. 4:93 Ap '61. (MIRA 14:4)

(Kipushi (Katanga Province)—Germanium)

SHUBOV, L.Ya.

El Salvador Ore Dressing Plant. TSvet. met. 34 no.11:90-93  
N '61. (MIRA 14:11)

(El Salvador—Ore dressing)

SHUBOV, L.Ya.

Dressing iron ore at the Risberg Plant (Sweden) (from "Mining  
World," vol. 23, 1961). Gor.zhur. no.8:65-67 Ag '62. (MIRA 15:8)

1. Gosudarstvennyy nauchno-issledovatel'skiy institut tsvetnykh  
metallov, Moskva.  
(Sweden--Ore dressing) (Iron ores)

SHUBOV, L.Ya., referent

Craigmont Ore Dressing Plant (from "Western Miner and Oil Review,"  
no. 12, 1960). TSvet. met. 35 no.6:91-93 Je '62. (MIRA 15:6)  
(Canada--Ore Dressing)

LIVSHITS, A.K.; SHUBOV, L.Ya.

Reagents in the flotation of copper precipitate. TSvet. met.  
36 no.10:11-16 0 '63. (MIRA 16:12)



SHUBOV, F. I.

SHUBOV M. I.

Novyi glikozidnyi preparat iz list'ev landysha v terapii nedostatochnosti krovoobrashcheniia. [New glycoside preparation from *Convallaria majalis* leaves in the treatment of circulatory insufficiency] Ter. arkh. 23:2 Mar-Apr 51 p. 59-62.

1. Of the First Department of Therapy (Head--Prof. A. N. Goldtman, deceased), Ukrainian Institute for the Advanced Training of Physicians.  
CLML Vol. 20, No. 10 Oct 1951

SHUBOV, M.I.

Clinical findings on the effect of Helleborus glycosides (corelborine)  
in circulatory insufficiency. Klin. med., Moskva 30 no. 11:25-30  
Nov 1952. (GML 23:5)

1. Candidate Medical Sciences. 2. Of the First Therapeutic Department  
of the Ukrainian Institute for the Advanced Training of Physicians,  
Khar'kov.

*Shubov M. I.*

A new domestic preparation of khellin. D. G. Kolesnikov, Ya. I. Khadzhal, M. I. Shubov, I. G. Zor, and A. P. Prokopenko (Chem.-Pharm. Research Inst. Advancement of Physicians, Kharkov). *Soviet Med.* 17, No. 10, 22-5 (1933).—Khellin (I) was sep'd. (0.5-0.8%) from the seeds of "Ammi Zubnaya" (no Latin name of species, plant related to parsley and caraway) growing in the east and west Mediterranean regions and in the Caucasus. Its soly. in water is 1:6753. For injection it is dissolved in a sat'd. soln. of  $\text{BzONa}$ . The lethal dose (mice, cats) *per os* is 250-300 mg./kg., parenteral 50-60 mg./kg. The main symptoms are depression of the central nervous system, salivation, vomiting, and diarrhea. The preliminary administration of soporifics raises toxicity, caffeine decreases it. The expts. on isolated hearts of warm-blooded animals showed that I in concns. 1:5000-1:20,000 dilated coronary vessels in several expts. up to 2 $\frac{1}{2}$ -3 times and depressed the heart by decreasing systole. In concns. 1:50,000-1:100,000 the dilatation (II) was lower and depression was much lower or absent. II lasted 15-20 min. after the end of

the expt. II was about 2 times less than with  $\text{NaNO}_2$ , but lasted longer. I dilated also bronchi of guinea pigs, especially when previously spasmatized. I was used by 18 patients with coronary insufficiency, 20-30 mg. *per os* 2-3 times a day during 5-20 days. Therapeutic effect was observed in 15. The arterial pressure was unchanged (13) or lowered by 10-20 mm. In 11 patients with bronchial asthma, I was used intravenously once a day, 100 mg. in 3 ml. of 50% Na benzoate soln. and 3-5 ml. of normal saline. In 8 cases the attacks ceased after 10-25 min. By administration *per os* the asthmatic attacks did not cease but time between attacks was prolonged and the asthmatic condition was eased. A. Sementsov

SHUBOV, M. I.

✓ Normal electrocardiogram in cats and its alteration under  
action of urethan. M. A. Angarskaya, Ya. I. Khadzhal,  
and M. I. Shubov (Chem. Pharm. Inst., Kharkov). *Fiziol. i  
Zhur.* 3-3-R. 42, 1052-7 (1956). — The av. rate of cat heart  
activity is 182 contractions/min. Urethan narcosis acceler-  
ates the activity in cats of av. size and retards it in larger  
animals; in 50% of cases the T spike is decreased or elimi-  
nated while the P spike decreases somewhat in some cases.  
G. M. Kosolapoff

ANGARSKAYA, M.A.; KHADZHAY, Ya.I.; KOLESNIKOV, D.G.; PROKOPENKO, A.P.;  
DUBINSKIY, A.A.; SHUBOV, M.I. (Khar'kov)

Daucarin, a new Russian preparation for treating coronary  
insufficiency. Klin.med. 36 no.1:29-33 Ja '58. (MIRA 11:3)

1. Iz laboratorii farmakologii i fitokhimii Khar'kovskogo nauchno-  
issledovatel'skogo khimiko-farmatsevticheskogo instituta (dir.-dotsent  
M.A.Angarskaya), kafedry fakul'tetskoy terapii (zav.-prof. S.Ya.  
Shteynberg) Khar'kovskogo meditsinskogo instituta i terapevticheskogo  
otdeleniya 4-y bol'nitsy (zav.otdeleniyem-kand.med.nauk M.I.Shubov).

(CORONARY DISEASES, ther.

carrot extract daucarin (Rus)

(VEGETABLES

carrot extract daucarin in ther. of coronary insuff. (Rus)

DYATLOV, A.A.; SHUBOV, Ya.I.

Isotermal hardening of U8 steel. Metalloved. i term. obr.  
met. no.6:64 Je '63. (MIRA 16:6)

1. Odesskiy institut inzhenerov morskogo flota i zavod Avto-  
gemash.  
(Steel--Hardening)

SHIFRIN, K.S.; SHUBOVA, G.L.

Statistical characteristics of the vertical transparency  
of the atmosphere. Izv. AN SSSR. Ser. geofiz. no.2:279-284  
F '64. (MIRA 17:3)

1. Glavnoye upravleniye gidrometeorologicheskoy sluzhby  
pri Sovete Ministrov SSSR i Glavnaya geofizicheskaya observa-  
toriya im. A.I. Voyeykova.

SHIFRIN, K.S.; SHUBOVA, G.L.

Variability of vertical transparency. Trudy GGO no.170:181-187 '65.  
(MIRA 18:9)



I 2448-66 EWT(1)/FCC GW

ACCESSION NR: AT5025240

UR/2531/65/000/170/0188/0191

AUTHOR: Shubova, G. L.

27  
21  
B+1

TITLE: Intensity of the near-sun radiation under standard conditions

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 170, 1965. Issledovaniye radiatsionnykh protsessov v atmosfere (Investigation of radiation processes in the atmosphere), 188-191

TOPIC TAGS: near sun radiation, standard radiation model, absolute sky brightness, brightness coefficient, actinometer, direct solar radiation, scattered radiation

ABSTRACT: The intensity of the near-sun radiation has been computed using the standard radiation model of the atmosphere developed by K. S. Shifrin and I. N. Minin. A formula is given which correlates the absolute brightness of the sky to the brightness coefficient and which can be used for computing the absolute brightness when the coefficient is given. The radiation flux measured by the actinometer consists of two components: the direct solar radiation and the scattered radiation of the sky. The relative intensity of the near-sun radiation is given as the ratio of the scattered radiation to the direct solar radiation. This ratio is computed for various values of albedo and various heights of the sun and given in a table in the

Card 1/2

CHIZHIKOV, Nikolay Ivanovich; BOBORYKIN, Ye.P., otv.red.; SHUBOVA,  
L.B., red.

[New ShASh-1 sluice for shaft sinking with compressed air]  
Novyi shliuzovoi apparat ShASh-1 dlia prokhodki shakhtnykh  
stvolov pod szhatym vozdukhom. Moskva, TSentr.biuro tekhn.  
informatsii, 1959. 29 p. (MIRA 14:6)  
(Shaft sinking) (Sluices)

SVETOZARSKIY, K.V., red.; SHUBOVA, L.B., red.; ROTGOL'TS, E.A., tekhn. red.

[Instructions on testing and adjusting ventilation equipment] Instruktsiia po ispytaniu i naladke ventilatsionnykh ustroystv. Moskva, TSentr. biuro tekhn. informatsii 1960. 127 p. (MIRA 14:10)

1. Russia (1923- U.S.S.R.) Glavnoye upravleniye sanitarno-tekhnicheskogo montazha. 2. TSentral'noye byuro tekhnicheskoy informatsii (for SvetozarSKIY, Shubova).

(Ventilation)

KAMENETSKIY, S.P., kand.tekhn. nauk; SHUBOVA, L.B., red.

[Perlite heat insulating materials; report] Perlitovye teplo-  
izolatsionnye materialy; nauchnoe soobshchenie. Moskva,  
TSentr.biuro tekhn.informatsii, 1961. 57 p. (MIRA 15:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektnyy in-  
stitut "Teploproyekt."  
(Insulation (Heat)) (Perlite (Mineral))

SHUBOVA, T.B.

On the influence of fatigue of the eye on its discriminating sensitivity.  
Sov.vest.oft., 1933,v.3,No.4.

SHUBOVA, T.B.

Neurofibromatosis of the iris. Vest.oft.34 no.5:30-32 S-0 '55.

(MLRA 8:11)

L. Iz Instituta nevrologii Akademii meditsinskikh nauk SSSR

(dir.deystvitel'nyy chlen AMN SSSR prof. N.V.Konovalov)

(NEUROFIBROMATOSIS

iris)

(IRIS, neoplasms,  
neurofibromatosis)

SHUBOVA, T.B.

Case of multiple corneal ring in hepatolenticular degeneration.  
Zhur.nevr. i psikh.55 no.8:599-600 '55. (MLRA 8:10)

1. Institut nevrologii AMN SSSR (dir.-prof. N.V.Kononov)  
(HEPATOLENTICULAR DEGENERATION, manifestations,  
multiple corneal ring)

KONGHAKOVA, M.I.; SHUBOVA, T.B.

Problem of atypical forms of multiple sclerosis. Zhur.nevr. i psikh.  
56.no.8:634-637 '56. (MLHA 9:11)

1. Institut nevrologii (dir. -prof. N.V.Konovalov) AMN SSSR, Moskva.  
(MULTIPLE SCLEROSIS, case reports,  
atypical cases (Rus))



SHUBOVA, T.B.

SHUBOVA, T.B.; KONCHAKOVA, M.I.

Significance of ocular symptoms in the diagnosis of disseminated sclerosis. Vest.oft. 70 no.3:24-25 My-Je '57. (MLRA 19:8)

1. Institut nevrologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. N.V.Kononov)

(MULTIPLE SCLEROSIS, manifest.

eye, significance in diag.)

(EYE, in various dis.

multiple sclerosis, significance in diag.)

SHUBOVA, T.B.

Relative hemianopsia [with summary in French]. Zhur.nevr. i psikh.  
58 no.8:944-947 '58 (MIRA 11:9)

1. Institut nevrologii (dir. - prof. N.V. Kononov) AMN SSSR, Moskva  
(HEMIANOPIA, case reports  
relative (Rus))

SHUBOVA, T.B.; KHVAN, L.M.

Adie's syndrome. Zhur. nevr. i psikh. 59 no.1:18-23 '59 (MIRA 12:3)

1. Institut neurologii (dir. - prof. N.V. Konovalov) AMN SSSR, Moskva.  
(ADIE'S SYNDROME, case reports  
(Rus))

SHUBOVA, T. B.

Fundus oculi in insults. Nauch. trudy Inst. nevr. AMN SSSR no.1:  
82-84 '60. (MIRA 15:7)

1. Institut nevrologii AMN SSSR.

(EYE) (BRAIN--HEMORRHAGE)

SHUBOVA, T.B.

Hemorrhages in the fundus oculi in cerebral insultus. Zhur. nevr.  
i psikh. 65 no.10:1473-1475 '65. (MIRA 18:10)

1. Institut nevrologii (direktor - prof. N.V.Konovalev) AMN SSSR,  
Moskva.

SHUBOVICH, S. I.

Shubovich, S. I.

"Investigation of the working process and characteristics of certain pneumatic engines." Min Higher Education USSR. Tomsk Order of Labor Red Banner Polytechnic Inst imeni S. M. Kirov. Tomsk, 1956. (Dissertation for the Degree of Candidate in Technical Sciences).

Knizhnaya letopis'  
No. 21, 1956. Moscow.

Shubovich, S.I.

VIKHERT, Mikhail Mikhaylovich; DOBROGAYEV, Rostislav Pavlovich; LYAKHOV, Mikhail Ivanovich; PAVLOV, Aleksey Vasil'yevich; SOLOV'YEV, Mikhail Petrovich, professor; STEPANOV, Yuriy Aleksandrovich; SUVOROV, Viktor Grigor'yevich; KHANIN, N.S., kandidat tekhnicheskikh nauk, retsenzent; CHISTOZVONOV, S.B., retsenzent; NECHAYEV, B.K., doktor tekhnicheskikh nauk, retsenzent; SHUBOVICH, S.I., kandidat tekhnicheskikh nauk, retsenzent; YEGORKINA, L.I., inzhener, redaktor; SOKOLOVA, T.F., tekhnicheskij redaktor

[Construction and design of truck and tractor engines] Konstruktsiya i raschet avtotraktornykh dvigatelei. Pod red. I.U.A.Stepanova. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit. lit-ry, 1957. 604 p. (MIRA 10:10)

1. Gosudarstvennyy soyuznyy ordena Trudovogo Krasnogo Znameni nauchno-issledovatel'skiy avtomobil'nyy i avtomotorny institut (for Khanin, Chistozvonov). 2. Kafedra dvigateley vnytnennego sgoraniya Tomskogo politekhnicheskogo instituta (for Nechayev, Shubovich)

(Motortrucks--Engines) (Tractors--Engines)

SHUBOVICH, S.I.; L'VOV, V.I.; SHARAPOV, R.D.

Results of testing the experimental pneumatic reversing two-stage turbine. Izv.TPI 85:93-100 '57. (MIRA 10:12)

1. Predstavleno prof. doktorom tekhn.nauk V.T. Yurinskim.  
(Air turbines--Testing)



SHUBOVICH, S.I.

Load characteristics and their use in evaluating the operational efficiency of pneumatic engines. Izv.TPI 85:101-112 '57.

(MIRA 10:12)

1. Predstavleno prof. doktorom tekhn.nauk V.T. Yurinskim.  
(Pneumatic machinery)  
(Mining machinery)

SHUBOVICH, S.I.

Operational efficiency of pneumatic turbine engines used in  
variable load conditions. Izv.TPI 85:113-117 '57. (MIRA 10:12)

1. Predstavleno prof. doktorom tekhn.nauk V.T. Yurinskim.  
(Air turbines)

SHUMOV, H. Ya., ...

Cutting apertures in blast furnace foundations for the installation  
of a cooling system for the hearth bottom. Metallurg 10 no.3:8-9  
Mr '65. (MIRA 18:5)

1. Kuznetskiy metallurgicheskiy kombinat.

SHUBRAVSKIY, V. Ye

USSR/ Miscellaneous - Conferences

Card 1/1 Pub. 138 - 7/10

Authors :Shubravskiy, V. Ye

Title :The third scientific Shevchenko conference

Periodical :Visnik AN URSR 5, 66-68, May 1954

Abstract :Minutes are presented of the third so-called Shevchenko conference (March 30-31, 1954), at which the contributions of the Ukrainian poet T. G. Shevchenko to the development of Ukrainian literature were discussed.

Institution: .....

Submitted: .....

SHUBRAVSKIY, V.Ye. [Shubravs'kyi, V.IE], kand. filol. nauk.

~~SHUBRAVSKIY, V.Ye.~~ Studies of T.H. Shevchenko in the Academy of Art. Visnyk AN URSR 29  
no.3:3-15 Mr '58. (MIRA 11:5)

(Shevchenko, Taras, 1814-1861)

SHUBRIKOV, K.

What it means to count. Sov. profsoiuzy 18 no.5:4-6 Mr  
'62. (MIRA 15:3)

1. Predsedatel' rabocheho komiteta sovkhoza "Akmolinskiy",  
TSelinogradskaya obl.  
(TSelinograd Province--State farms)  
(TSelinograd Province--Trade unions)

S/169/63/000/001/013/062  
D263/D307

AUTHORS: Pechova, Ya. and Shubrt, Ya.

TITLE: Results of the measurements of telluric currents, carried out at the Budkov observatory in 1959

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 1, 1963, 49, abstract 1A265 (In collection: Rezul'taty geomagnitn., tellurich. i ionosfern. izmereniy, proved. v observ. Prugonitse, Budkov i Panska Ves v 1959 g., Praga, Chekhosl. AN, 1962, 555-737)

TEXT: Hourly values of the potential gradients of telluric currents are tabulated, and operation of instruments is described in brief. Registration was carried out at 22, 30, and 90 mm/hr; two pairs of measuring lines were employed, oriented in meridional and latitudinal directions. One pair was 1000 m long, the other 100 m.  
[ Abstracter's note: Complete translation ]

Card 1/1

BOUSHKA, Yan [Bouska, Jan]; KOCHI, Alois [Koci, A.], kand. fiz-mat. nauk, inzh.;  
 MRAZEK, Irzhi [Mrazek, Jiri]; SHUBRT, Yaroslav  
 [Subrt, Jaroslav]; RUPREKHTOVA, Libushe [Ruprechtova,  
 Libuse], inzh., retsenzent; KRZHIVSKI, Ladislav  
 [Krivsky, Ladislav], retsenzent; BEGOUNEK, Rudol'f  
 [Behounek, Rudolf], prof., nauchnyy red.; TRZHISKOVA,  
 Lyudmila [Triskova, Ludmila], inzh., nauchnyy red.

[Results of geomagnetic, telluric, and ionospheric observa-  
 tions conducted at the observatories of Pruhonice, Budkov,  
 and Panska Ves in 1959] Rezul'taty geomagnitnykh, telluri-  
 cheskikh i ionosfernykh izmerenii, provedennykh v observa-  
 toriiakh Prugonitse, Budkov i Panska Ves v techenie 1959  
 goda. Prague, Izd-vo Chekhoslovatskoi Akad. nauk, 1962.  
 742 p. (MIRA 16:7)

1. Nachal'nik kollektiva Geomagnitnoy observatorii Prugonitse  
 [Pruhonice] u Pragi (for Kochi). 2. Nachal'nik ionosfernogo  
 otdela Geomagnitnoy observatorii Prugonitse [Pruhonice] u  
 Pragi (for Mrazek). (Czechoslovakia--Geophysics--Observations)



YELSHINA, M.O.; ZAYDENBERG, Ye.G.; LITOVCHENKO, O.T.; ZATULOVSK'KIY, B.G.;  
SHUBS, Z.V.; ZANZDRA, L.I.

Study of the nature of atypical strains recovered from dysentery  
patients in Kiev. Mikrobiol.zhur. 18 no.1:20-26 '56. (MIRA 9:7)

1. Z Kiivs'kogo naukovo-dostidnogo institutu epidemiologii i  
mikrobiologii.  
(SHIGELLA PARADYSENTERIAE)

YELSHINA, M.A.; ZATULOVSKIY, B.G.; LITOVCHENKO, Ye.T.; SHUBS, Z.V.

Identification of atypical intestinal bacteria. Lab.delo 3 no.3:  
38-42 My-Je '57. (MIRA 19:9)

1. Iz laboratorii kishachnykh infektsiy (zav. - M.A.Yelshina)  
Kiyevskogo instituta epidemiologii i mikrobiologii  
(INTESTINES--BACTERIOLOGY)

YELSHINA, M.O.; ZAYDENBERG, Ye.G.; ZATULOVSKIY, B.G.; LITOVCHENKO, O.T.;  
SHUBS, Z.V.

Atypical strains of intestinal microbes isolated from healthy persons.  
Mikrobiol.zhur. 19 no.2:43-48 '57. (HLM 10:9)

1. Z laboratorii kishkovikh khvorob Kiivs'kogo instituta epidemiologii  
ta mikrobiologii  
(ESCHERICHIA COLI) (SHIGELLA)

YELSHINA, M.A.; ZAYDENBERG, Ye.G.; ZATULOVSKIY, B.G.; LITOVCHENKO, Ye.T.;  
SHUBS, Z.V.

Study and detection of atypical strains. Zhur.mikrobiol.epid. i  
immun. 28 no.5:62-67 My '57. (MIRA 10:7)

1. Iz Kiyevskogo instituta epidemiologii i mikrobiologii.  
(SHIGELLA  
atypical strains, study & detection methods)

SHUBS, Z.V.

Studies on biological properties of shigella Newcastle. Report No. 2:  
Antigenic structure of Shigella Newcastle. Mikrobiol. zhur. 22  
no. 3:63-68 '60. (MIRA 13:12)

1. Iz Kiyevskogo instituta epidemiologii i mikrobiologii.  
(SHIGELLA PARADYSENTERIAE) (ANTIGENS AND ANTIBODIES)

KONDRAT'YEV, L.G.; VARSHAVSKAYA, N.B.; SHUBS, Z.V.; KOBZAR', V.I.

Use of levomysetin for the preservation of placental serum.  
Antibiotiki 10 no.7:657-660 J1 '65. (MIRA 18:9)

1. Otdel proizvodstva  $\gamma$ -globulina Kiyevskogo nauchno-  
issledovatel'skogo instituta epidemiologii i mikrobiologii.

SHUBSKAYA, L.S.

In the Interdepartmental Committee on Classification. NTI no.3:  
19-20 '64. (MIRA 17:9)

SHUBSKAYA, L.S.

In the Interdepartmental Committee on Classification. NTI no.9:10-12  
'64. (MIRA 18:2)



SHUBSKAYA, L.S.

In the Interdepartmental Committee on Classification. NTI  
no.1:17 '65. (MIRA 18:6)

LOGINOV, V. MAR'YASHIN, M., SHUBSKIY, I., LOGINOV, V.

Cattle - Grading

Determining fatness of cattle. Mias. ind. 23 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December <sup>2</sup>1953, Uncl.

SHUBTSOVA, I. G.

SHUBTSOVA, I. G.: "Investigation of the physical chemistry of agar-agar". Saratov 1955. Saratov State U imeni N. G. Chernyshevskiy. (Dissertations for the degree of Candidate of Chemical Sciences.)

SO: Knizhnaya Letopis' No. 50 10 December 1955. Moscow

SHUBTSOVA, I.G.

CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their I-11  
Application. Carbohydrates and Refinement.

Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 2803

Author : Glikman, S.A., Shubtsova, I.G.

Inst : Slovak Chemical Society

Title : The Heterogenous Nature of Agar.

Orig Pub : Vest. Slov. kem. drustva, 1956, 3, No 1-2, 19-27

Abstract : It was ascertained that it is possible to carry out a fractionation of agar by successive extraction with a liquid of constant composition at increasing temperature levels. Agar was divided into fractions that differ greatly in viscosity and degree of esterification. The possibility is shown of eliminating the effect of electroviscosity in agar solutions and of determining the true values of limit viscosity  $[\eta]$ .

Card 1/2

SHUTSOVA, I.G.

GLIKMAN, S.A.; SHUTSOVA, I.G.

Studies on the physical chemistry of agar. Part 1, On the method  
of determining the intrinsic viscosity of agar. Koll.shur. 19 no.2:  
172-177 Mr-Ap '57. (MLRA 10:5)

1.Saratovskiy gosudarstvennyy universitet.  
(Viscosity) (Agar)

*SHUBTSOVA, I. G.*  
GLIKMAN, S.A.; SHUBTSOVA, I.G.

Studies in the physical chemistry of agar. Part 2: The theory and practice of agar fractionation [with summary in English]. Koll. zhur. 19 no.3:281-286 My-Je '57. (MLBA 10:8)

1. Saratovskiy gosudarstvennyy universitet im. N.G. Chernyshevskogo. (Agar) (Extraction)

SOV/69-21-1-4/21

5(4)

AUTHORS: Glikman, S.A. and Shubtsova, I.G.

TITLE: Research on the Physical Chemistry of Agar (Issledovaniya v oblasti fiziko-khimii agara) 3. On the Factors Determining the Viscoelastic Properties of Agar Gels. (3.0 faktorakh opredelyayushchikh uprugovyykh svoystva agarovykh studney).

PERIODICAL: Kolloidnyy zhurnal, 1959, Vol XXI, Nr 1, pp 25-29 (USSR)

ABSTRACT: The authors describe the results of research into the viscoelastic properties of gels of agar fractions obtained by successive extraction under increasing temperatures. All viscoelastic constants of the gels ( $E_1, E_2, P_k, \eta_1$  and  $\eta_2$ ) increase parallelly with an increasing intrinsic viscosity, decreasing the  $SO_4$  content, and increasing the  $Ca/SO_4$  ratio. The change in the gel-forming capacity of specimens of equal sulfoester group content, freed of metal cations by electro-dialysis, corresponds to the changes in intrinsic

Card 1/2

SOV/69-21-1-4/21

Research on the Physical Chemistry of Agar. 3. On the Factors  
Determining the Viscoelastic Properties of Agar Gels.

viscosity. The main factor determining the viscoelastic properties of gels is the degree of polymerization of the polyelectrolyte. The presence of an ionizing sulfo-ester group leads to a loosening of the intermolecular bonds. The calcium ions aid in the formation of bridge links. The following scientists are mentioned by the authors: P.N. Pavlov, M.A. Engel'shteyn, V.P. Gryuner, L.V. Veronyan, S.Ya. Veyler, P.A. Rebinder, S.Ya. Shal't, V.E. Markovich, O.G. Yefremova, and Ye.Ye. Segalova. There are 2 tables, 3 graphs and 17 references, 8 of which are Soviet and 9 unidentified.

ASSOCIATION: Saratovskiy gosudarstvennyy universitet imeni N.G. Chernyshevskogo (The Saratov State University imeni N.G. Chernyshevskiy)

SUBMITTED: March 6, 1957  
Card 2/2



GLIKMAN, S.A.; SHUBTSOVA, I.G.

Methods of the physicochemical characteristics of agar. Uch.  
zap. SGU 75:113-116 '62. (MIRA 17:3)

SHUBTSOVA, I.G.; DMITRIYEVA, T.S.; SCHASTNEV, V.B.; GLIKMAN, S.A.

Intrinsic viscosity of pectin. Vysokom.soed. 5 no.1:135-138  
Ja '63. (MIRA 16:1)

1. Saratovskiy gosudarstvennyy universitet im. N.G.  
Chernyshevskogo.  
(Pectin) (Viscosity)

SHUBTSOVA, I.G.; KUDASHOVA, R.V.; GLIKMAN, S.A.; Prinimali uchastiye: Ponomareva, L.; CHERNIKOVA, Ye.; SILKINA, N.

Effect of metal ions and of the anions of organic acids on the mechanical properties of agaroid gels. Koll.zhur. 25 no.6:728-731 N-D '63.  
(MIRA 17:1)

1. Saratovskiy universitet, kafedra fiziko-khimii polimerov.

SHUBTSOVA, V.G.

AID P - 2506

Subject : USSR/Meteorology

Card 1/1 Pub. 71-a - 16/26

Author : Ridel', E. A., and Shubtsova, V. G.

Title : On computing radiation balance using the thermoelectric measuring device of Yanishevskiy

Periodical : Met. i Gidro., 3, 49-50, My-Je 1955

Abstract : Number 5 of the Directives to Hydrometeorological Stations mentions that both strips of the "balancemeter" of Yanishevskiy are equally sensitive. The author of the article criticizes this statement and gives a mathematical analysis of the measuring of both surfaces. One Russian reference, 1937.

Institution: None

Submitted : No date

41017

S/058/62/000/009/056/069  
A057/A101

26 10 40  
AUTHORS: Bronshteyn, I. M., Shuchinskiy, Ya. M.

TITLE: On the effect of the work function on the secondary electron emission of metals

PERIODICAL: Referativnyy zhurnal, Fizika, no. 9, 1962, 4, abstract 9-3-7y  
("Zap. Leningr. gorn. in-ta", 1959 (1961), v. 37, no. 3, 98 - 104)

TEXT: The effect of measurement of the work function of a target (T) upon the coefficient of secondary emission and velocity distribution curves of slow secondary electrons was investigated. The change of the work function of T in correspondence to the adsorption of barium atoms on it was determined and the contact difference of target-collector potentials considered. The experimental device contained a spherical collector, in which were carried out the measurements, a long cylindrical tube with outlets for the molecular guns, and an electron gun for the determination of the change of the work function. The electron gun of the measuring part of the device produced a well-focussed beam of primary electrons in the energy range of 20 - 3,000 ev. In one of the outlets of the

Card 1/2

On the effect of the work function...

S/058/62/000/009/056/069  
A057/A101

second part of the device was installed the electron gun, which produced a well focussed beam of slow electrons with energies of 6 - 10 ev. This gun allowed the determination of the change of the work function of the T from the shift of the voltampere curves. The T was fixed on a molybdenum rod with diameter 2 mm, which had on the other end a steel cylinder, sealed in a glass ampulla. The T was moved by means of an electromagnet. The energy distribution curves of the secondary electrons were obtained by means of a differentiating device. The measurements were carried out, during continuous evacuation of the device, by two in series connected mercury diffusion pumps through 3 traps with liquid oxygen. The device was degasified and trained for 4 - 7 days. The pressure of residual gases in the device was, as a result, maximum  $10^{-8}$  mm Hg. Under conditions of such a vacuum were carried out the fundamental measurements. The charge of the effective work demonstrates that the rise of the coefficient  $\sigma$  of the secondary emission follows the decrease of the work function  $\varphi$  of the target, where  $\sigma_{\max}$  corresponds to  $\varphi_{\min}$  i.e. about 0.7 of a monoatomic coating of the tungsten T with barium atoms. At a further rise of the barium quantity adsorbed on the tungsten T, the work function of T increases and the coefficient of secondary emission decreases until  $\varphi$  and  $\sigma$  reach values which are characteristic of a massive barium layer. There are 8 references.

A. F.

[Abstracter's note: Complete translation]

Card 2/2

41934

S/194/62/000/009/041/100  
D256/D308

9.2120

46.2312

AUTHORS: Bronshteyn, I. M. and Shuchinskiy, Ya. M.

TITLE: Effect of the electron work function on the secondary electron emission from metals

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 9, 1962, 4, abstract 9-3-7 k (Zap. Leningr. gorn. in-ta, 1959 (1961), v. 37, no. 4, 98-104)

TEXT: The investigation concerned the effect of the changes of the electron work function of the target on the coefficient of the secondary emission, as well as on the velocity distribution curves for slow secondary electrons. Changes in the work function of the target were determined during gradual adsorption of barium atoms, taking into account the target-collector contact potential difference. The experimental apparatus consists of a spherical condenser in which the measurements were performed, a long cylindrical tube equipped with branch pieces for the molecular guns, and an electron gun for the determination of the electron work function chan-

Card 1/3

Effect of the electron ...

S/194/62/000/009/041/100  
D256/D308

ges. The electron gun in the measuring part of the apparatus produced a well focused beam of electrons in the energy range 20 to 3000 eV. An electron gun producing a well focused beam of slow electrons of 6 to 10 eV was placed in one of the branch pieces of the second part of the apparatus; from the observed shift of the volt-ampere curves it was possible to determine the changes in the work function. The target was mounted on a molybdenum rod of 2 mm diameter; a steel cylinder, sealed in a glass ampoule, was mounted at the opposite end of the rod. The target was moved by means of an electromagnet. A differentiating arrangement was used to determine the energy distribution curves for the secondary electrons. The apparatus was continuously evacuated during the measurements by two mercury diffusion pumps in series via 3 liquid oxygen traps. Degassing and long-period ageing was carried out for 4 to 7 days, so that the residual gas pressure did not exceed  $10^{-8}$  mm Hg during measurement. It is shown that the coefficient of the secondary emission  $\sigma$  increases with decreasing electron work function  $\phi$  of the target.  $\sigma_{\max}$  corresponds to  $\phi_{\min}$ , i.e.  $\sim 0.7$  of the monatomic

Card 2/3



PROCESSING AND PROPERTIES INDEX																									
COMBINATION AND ACTIVATION ENERGY OF ORGANIC MOLECULES													W. HETTLER AND A. A. SUTCHINOVITZKH												
<p>Combining and activation energy of organic molecules. W. HETTLER AND A. A. SUTCHINOVITZKH. <i>Physik. Z. Sowjetunion</i> 3, 241 (1961) - A simplified theory is developed for the energies of combination and activation (cf. C. A. 27, 1248) which bears the same relation to the exact quantum theory of homopolar chem. linkage (cf. Ergebnisse d. exakten Naturwissenschaften (1961)) as classical mechanics does to quantum mechanics. This is brought about by neglecting one exchange relation and omitting a selective principle of the exact theory. Additivity of energy of combination is shown, but not with the rigor with which homologous series exhibit this relation.</p>																									
E. R. SCHIERZ																									
ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION																									

1ST AND 2ND ORDERS																										3RD AND 4TH ORDERS																									
PROCESSES AND PROPERTIES INDEX																																																			
<p>BC</p> <p style="text-align: right;">A-1</p> <p>Theory of adsorption of mixtures of vapours.  A. A. SHUCHOVITZKI (J. Phys. Chem. Russ., 1937,  40, 412-417). Polanyi's adsorption theory and the  capillary condensation theory have been extended to  the adsorption of binary mixtures of vapours and of  dissolved substances. The two theories do not lead  to the same results. Equations are derived permitting  the calculation of the amounts of the components  adsorbed from a mixture of any composition at any  temp. from the isotherms for the adsorption of the  pure components.  R. C.</p>																																																			
<p>ASTM-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																																																			

1ST AND 2ND ORDERS  
 PROCESSES AND PROPERTIES INDEX  
 3RD AND 4TH ORDERS

SC

a-1

Dynamics of sorption. A. A. SHUCHOVITSKI, J. L. ZABESKINSKI, and D. S. SOMINSKI (J. Phys. Chem. Russ., 1939, 13, 303—310).—Mochlenburg and Kubelka's theory (Z. Elektrochem., 1925, 31, 488) is invalidated by mathematical and other errors and has no physical basis. R. C.

OPEN  
 COMMON EXEMPTS.  
 MATERIALS INDEX

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND ORDERS  
 3RD AND 4TH ORDERS

sv. 1/2

41.3. 1943. 17. 313-317.  
by J. B.

Surface tension of solutions. L. A. A. Shcheglovitski (J. Phys. Chem. Russ., 1943, 17, 313-317).—If the mol. fraction of the solute is  $N$ , the surface tension of the solution is  $\gamma_s = RT \ln \log_e [1 + N(C-1)]$ ,  $\gamma_s$  being the surface tension of the solvent,  $w$  a function of the sur of the mol., and  $C$  the work of displacing a mol. of solvent by a mol. of solute in the surface layer, which is supposed to be unimol. J. J. B.

SHUCHOVITSKIY, A.  
SCHUCHOWITSKY, A.

PA 26T60

USSR/Physics  
Absorption  
Mathematics - Applied

Jan 1947

"Absorption of Gas from an Air Current by Granular Material, Part II," A. Tikhonov,  
A. Schuchowitzky, J. Zabezhinskiy, Karpov Institute of Physical Chemistry, Moscow, 16 pp

"Acta Physicochimica URSS" Vol XXII, No 1

A solution is given to the simple linear differential equations describing gas  
absorption. Experimental data is compared with theoretical results, in tabular and  
graphical form.

PA 26T60

BS

SHUDA

CZECHOSLOVAKIA / Magnetism. Ferromagnetism

F - 4

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9512

Author : Shuda

Inst : Not given

Title : The Influence of Tension on the Structure of Bitter-Akulov Patterns.

Orig Pub : Chekhosl. fiz. zh., 1956, 6, No 3,, 300-302

Abstract : A study was made of the influence of tension on the labyrinth Bitter-Akulov patterns obtained on a mechanically ground surface of a polycrystalline Fe-Si specimen (4% Si). It was observed that when the tension load exceeds  $40 \text{ kg/mm}^2$  there appear on the surface of the specimen dagger-like regions, the axis of which is approximately parallel to the tension line. At a load of approximately  $70 \text{ kg/mm}^2$  they practically cover the entire surface of the specimen. The above change in the surface domain structure is reversible and it

Card : 1/2

BRUMBERG, Ye.M.; BARSKIY, I.Ya.; KOLBRAT'YEVA, T.M.; CHERNOGRIYADSKAYA, N.A.;  
SHUDEL', M.S.

Ultraviolet fluorescence microscopy of formed elements of the marrow  
and peripheral blood. Dokl. AN SSSR 135 no.6:1521-1524 D '60.  
(MIRA 13:12)

1. Institut tsitologii Akademii nauk SSSR. Predstavleno akademikom  
A.N. Tereninym.  
(MARROW) (BLOOD CELLS) (FLUORESCENCE MICROSCOPY)

CHERNOGORYADSKAYA, N. A. and SHUDEL, M. S.

"The Problem of Ultraviolet Fluorescence of the Paramuclear Bodies of Spermatids of Some Locusts." pp. 84

Institute of Cytology AS USSR Laboratory of Microscopy

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tезисы Докладов (Second Scientific Conference of the Institute of Cytology of the Academy of Sciences USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634



CHERNOGRYADSKAYA, N.A.; SHUDEL', M.S.

Ultraviolet fluorescence of circumnuclear bodies of spermatids  
in certain Acrididae. Dokl. AN SSSR 145 no.4:917-919 Ag '62.  
(MIRA 15:7)

1. Institut tsitologii AN SSSR. Predstavleno akademikom  
V.N. Chernigovskim.  
(LOCUSTS) (SPERMATOCYTES) (FLUORESCENCE)

BRUMBERG, Ye.M.; BARSKIY, I.Ye.; CHERNOGRIADSKAYA, N.A.; SHUDEL', M.S.

Ultraviolet fluorescence microscopy. Izv. AN SSSR. Ser. biol.  
28, no. 1: 87-90 Ja-F'63. (MIRA 16:8)

1. Institute of Cytology, Academy of Sciences of the U.S.S.R.,  
Leningrad.  
(FLUORESCENCE MICROSCOPY)

CHERNOGRYADSKAYA, N. A.; PIL'SHCHIK, Ye. M.; SHDEL', M. S.; KUDRYAVTSEVA,  
M. V.; ASTASHINA, T. P.

Intrinsic ultraviolet fluorescence of mitochondria. Dokl. AN  
SSSR 156 no. 1:174-176 My '64. (MIRA 17:5)

1. Institut tsitologii AN SSSR. Predstavleno akademikom  
A. N. Tereninym.

CHERNOGRYADSKAYA, N. A.; BRUMBERG, Ye. M.; BRESLER, V. M.; PILSHCHIK, Ye. M.; SHUDEL', M.S.;  
KUDRYAVTSEVA, M. V.; ASTASHINA, T. P.

"Some data on the inherent ultra-violet fluorescence of mitochondria of living cells."

report submitted for 2nd Intl Cong, Histochemistry & Cytochemistry, Frankfurt,  
16-21 Aug 64.

Lab Microscopy, Inst of Cytology, AS USSR, Prospekt Maksimina, Leningrad F-121.

SHUDEL', M.S.; CHERNOGLAYDSKAYA, N.A.; BRUMBERG, V.A.; ROZANOV, Yu.M.;  
BRUMBERG, Ye.M.

Effect of some metabolic poisons of the respiratory chain on the  
ultraviolet fluorescence of cells. Dokl. AN SSSR 157 no. 2:447-  
450 J1 '64. (MIRA 17:7)

L. Institut tsitologii AN SSSR. Predstavleno akademikom A.I.  
Oparinym.

SHUELI, M.S.

Comparative cytophotometrical study of the response of normal and neoplastic cells to the action of various metabolic inhibitors. Tsitologiya 7 no.3:377-386 My-Je '65. (MIRA 18:10)

I. laboratoriya mikroskopii Instituta tsitologii AN SSSR, Leningrad.

BRUSLER, V.M.; BRUMBERG, Ye.M.; KUDRYAVTSEVA, M.V.; PIL'SHCHIK, Ye.M.;  
CHERNOGRYADSKAYA, N.I.; SHUBEL', M.S.

Effect of carcinogenic and noncarcinogenic aminoazo compounds  
on the ultraviolet and blue fluorescence of tadpole liver  
cells. *Biul. eksp. biol. i med.* 59 no.5:89-92 '65.  
(MIRA 18:11)

L. Laboratoriya novykh metodov mikroskopii (zav. - prof.  
Ye.M.Kheysin) Instituta tsitologii (direktor - chlen-  
korrespondent AN SSSR prof. A.S.Treshin) AN SSSR, Leningrad.  
Submitted January 18, 1964.

SHUDRA, Ye.O. [Shudra, IE.O.], inzh.

Light industry enterprises of the capital of the Ukraine  
struggle to achieve high production rates. Leh.prom. no.1:  
3-6 Ja-Mr '62. (MIRA 15:9)  
(Ukraine--Manufactures)



ACCESSION NR: AT4016990

S/3057/63/000/000/0016/0024

AUTHOR: Gorodinskiy, S.M.; Panfilova, Z.Ye; Spiridonov, A.D.; Shudrenko, N.A.

TITLE: Investigation into the deactivation capability of basic construction and finishing materials

SOURCE: Zashchitny\*ye pokry\*tiya v atomnoy tekhnike (Shielding in nuclear Engineering); sbornik statey. Moscow, Gosatomizdat, 1963, 16-24

TOPIC TAGS: deactivation, decontamination, nuclear shielding, radioactive contamination, radioactive decontamination, residual radioactivity, radioactivity protection

ABSTRACT: The authors point out the absence of complete generalizing data on studies of different construction and finishing materials from the point of view of their ability to be deactivated after radioactive contamination. The ability of materials to become contaminated and to be deactivated is shown to be a function of their chemical composition, physical structure and surface state. Fillers, additives and pigments may impair the ability of a material to be deactivated. It has been shown that such materials as cement,   
Card 1/3

ACCESSION NR: AT4016990

brick, wood and ceramic slabs for flooring have strong radioactive sorption and are practically incapable of being cleansed of radioactive substances. However, the authors feel that the results given by various writers on tests of the deactivation capability of materials are largely of little use, since these results were obtained with different investigatory techniques. Inasmuch as the capacity of a material for deactivation depends greatly on the nature of the radioactive contaminants, the level of contamination and the method of deactivation, commensurate experimental data require that research be conducted under strictly standardized conditions. The authors studied the deactivation capability of different materials (cement, grade 200; woods of various kinds carbon steel, grade st. 3; stainless steel, grade 1Kh18N9T; ceramic floor slabs of various kinds; Dutch tile slabs; experimental facing slabs of polystyrene and a variety of chemically resistant slabs of cast stone; asbestos-ebonite flooring strips; textolite; phenolite slabs for walls and floors; silicate glass and organic glass; polyvinylchloride masticated rubber for- mulas 57-40 and 80; polymer films on a polyvinylchloride, polyethylene and polyethyleneterephthalic acid base; glyphthalic and polyvinylchloride linoleums; relin (rubber linoleum) and a wide variety of lac dye shieldings) by contaminating the materials with radioactive substances, deactivating them and

Card  
— 2/3

ACCESSION NR: AT4017001

S/3057/63/000/000/0126/0136

AUTHOR: Gorodinskiy, S. M.; Panfilova, Z. Ye.; Spiridonov, A. D.; Nosova, L. M.; Shudrenko, N. A.

TITLE: Investigation of lacquers for shields against radioactive contamination.

SOURCE: Zashchitnyye pokrytiya v atomnoy tekhnike (Shielding in nuclear engineering); sbornik statey. Moscow, Gosatomizdat, 1963, 126-136

TOPIC TAGS: atomic reactor, radioactive contamination, nuclear shielding, shielding, lacquer shielding, lacquer

ABSTRACT: Lacquered materials are widely used for finishing processes in factories and technical equipment. The advantage of lacquered materials for the shielding of construction materials and technological equipment from radioactive contamination is the continuous, jointless coating of the surface during any of its configurations. The present investigation showed that the desorptive properties of lacquer coatings depend primarily on their chemical composition. Lacquers with oils and alkali-oil should not be used for surfaces contaminated by radioactive waste. It is advisable to use 1-20-61 enamels on an SVKh-40 base and commercial enamels on an SVKh-40 base with lacquer coatings. The most efficient protection of concrete against

Card 1/3

ACCESSION NR: AT4017001

contamination is a shielding on a base of the high-molecular epoxy resins E-40, E-41, E-49 and ET-8 (see Fig. 1 of the Enclosure). It is possible to make shielding compounds consisting of lacquer coatings which ensure easy and complete decontamination (washing away of radioactive waste). Orig. art. has: 3 figures and 4 tables.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 20Feb64

ENCL: 01

SUB CODE: NP

NO REF SOV: 004

OTHER: 003

Card 2/3

ENCLOSURE: 01

ACCESSION NR:AT4017001

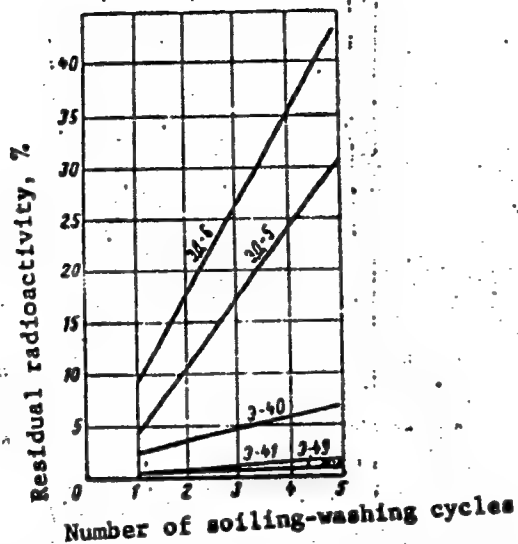


Fig. 1. Sorption-desorption features of coatings made of epoxy resins of different grades

Card 3/3

SHUIROVA, S.I.

Modification of the fastest descent method. Uch.sap. ~~Kas~~.un.  
116 no.1:26-30 N '55. (MLRA 10:5)

1. Kafedra algebr.  
(Approximate computation)  
(Functional equations)

PRIYMAK, Boris Ivanovich[Pryimak, B.I.], glav. arkhitekto Kiyeva;  
SHUDRYA, M.A., red.; POCHKINA, L.Kh., tekhn. red.

[The city is striding toward the future] Misto krokuє v  
maibutnie. Kyiv, Kyivs'ke oblasne knyzhkovo-gazetne vyd-vo,  
1961. 92 p. (MIRA 15:3)

(Kiev--Description)

SHUDYKIN, N.I.; POZDNYAK, N.A.

Catalytic methylation of benzene by methanol. Zhur. prikl. khim.  
33 no.8:1904-1906 Ag '60. (MIRA 13:9)  
(Benzene) (Methanol) (Methylation)



SHUF, A.V.

USSR/ Physics - Accelerated-ion generator

Card 1/1      Pub. 22 - 14/52

Authors : Baev, B. V.; Vorotnikov, P. Ye.; Gokhberg, B. M.; Sidorov, N. I.;  
Shuf, A. V.; and Yon'kov, G. B.

Title : A high-voltage electrostatic generator in a compressed gas

Periodical : Dok. AN SSSR 101/4, 637-639, Apr 1, 1955

Abstract : A description of a high-voltage electrostatic generator of the Van de Graaf type is presented. The generator is operated at a gas mixture (nitrogen and CO<sub>2</sub>) compressed up to 8 atmospheres, and it supplies 2.8 Mv energy. Due to a good focusing device, a narrow (1 mm) beam of ions with 80 mu a current can be obtained at the out-put of the generator. Two USSR references (1955). Diagram.

Institution : Acad. of Sc., USSR, S. I. Vavilov Inst. of Physical Problems

Presented by: Academician A. P. Alexandroff, November 17, 1954

SHUT, G.

Radio - Apparatus and Supplies

Holders for installation wires. Radio, No. 4, 1952

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

SHUF, G.

107-57-5-57/63

AUTHOR: Shuf, G. (Moscow)

TITLE: Preparing a Rubber Roller. Experience Exchange  
(Izgotovleniye rezinovykh rolikov. Obmen opytom)

PERIODICAL: Radio, 1957, Nr 5, p 58 (USSR)

ABSTRACT: A round rubber blank is squeezed in a duralumin bushing and ground by means of an emery wheel. Details are illustrated in two figures.

AVAILABLE. Library of Congress

card 1/1

SHUF, M. I. inzhener

Shortwall conveyor. Mast. ugl. 4 no. 9:20-21 S'55. (MLRA 9:1)  
(Conveying machinery)

SHUF, M., inzhener.

Coal cutter-loader designed by the Stazhevskii brothers. Mast.  
ugl. 5 no.10:23-24 0 '56. (MLRA 9:12)  
(Coal mining machinery)

SHUF, M.I.

The SKZ-3 scraper conveyers used in short wall mining. Biul. tekhn.-  
ekon. inform. no.3:5-7 '58. (MIRA 11:6)  
(Coal mining machinery)

AUTHOR: Shuf, M.I., Engineer 118-58-3-12/21

TITLE: A Conveyor for Short Wall Excavations (Konveyyer dlya kotkikh vyrabotok)

PERIODICAL: Mekhanizatsiya Trudoyemkikh i Tyazhelykh Rabot, 1958, # 3, page 31 (USSR)

ABSTRACT: In 1957, the special design office of the Anzherskiy mashinostroitel'nyy zavod "Svet Shakhtera" (The Anzhero-Sudzhensk Machine Construction Plant "Svet Shakhtera") designed a new scraper conveyor of the type "SKZ-3". The capacity of the new conveyor is 100 ton per hour, length - 30 to 40 m, speed - 0.7 m/sec, and weight - 2,800 kg. A 6 kw electric motor of the KOF-11 type is used to operate it. The new conveyor is compact and reliable, has good maneuverability and is efficient. There is 1 figure.

AVAILABLE: Library of Congress

Card 1/1

SHUF, M.I.

The LBS-4 light boring and cross-cutting machine. Biul.tekh.-ekon.  
inform. no.12:5-6 '58. (MIRA 11:12)  
(Boring machinery)



25(2)

SOV/118-59-2-16/26

AUTHOR: Shuf, M.I.

TITLE: A Light Crosscut Perforator (Legkiy burosboyechnyy stanok)

PERIODICAL: Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959, Nr 2, p 47 (USSR)

ABSTRACT: On the basis of the existing coal-drilling machine LBS-2, the Anzherskiy mashinostroitel'nyy zavod Kemerovskogo sovnarkhoza (Anzher'sky Machine Building Plant of the Kemerovo Sovmarkhoz) has designed a new reliable and highly-productive (twice more productive than the LBS-2) light crosscut perforator LBS-4 (see photo). Its reductor's casing is reinforced, the one-way trapeziform spindle thread 50 x 8 is replaced by two-way thread of 16 mm pitch, the leading head's splines are replaced by slots. The drilling tool is supplemented with a conical expander for counterboring, which fully mechanizes the counterboring of passes from 300 mm in diameter to 500 mm in

Card 1/2

SHUF, M.I., inzh.

KSA-1 scraper conveyer. Ugol' Ukr. 3 no.6:38-39 Ja '59.  
(MIRA 12:11)

(Conveying machinery)

SHUF, M.I.

RUP-1 expander for the sinking of coal chutes. Ugol' Ukr. 4  
no.1:21 Ja '60. (MIRA 13:5)  
(Kuznetsk Basin--Coal mines and mining--Equipment and supplies)